



St Mary's School CAMBRIDGE

Teacher of Mathematics

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St Mary's School Cambridge

St Mary's School, Cambridge is an independent day and boarding school for girls aged 4 to 18.

Situated in the heart of the academically and culturally vibrant city of Cambridge, the School offers a safe and secure learning environment for girls. A Christian school in the Catholic tradition and founded on the principles of Mary Ward, we have a unique approach to education and an atmosphere which fosters a love of life and learning, while growing the academic talents and spiritual wellbeing of each individual girl, from within.

At St Mary's School, Cambridge, we don't offer a one-size-fits-all education; we provide renowned pastoral care, understanding and individual support that encourages girls to look beyond themselves, so that they enter adulthood aspiring to be more and to give more, not just to have more.

There are 170 girls in our Junior School and 450 in our Senior School. A fifth of the girls at the school are boarders. Reflecting the cosmopolitan community of Cambridge, 14% of students at the school are from overseas, from 34 countries. Building on our 400-year tradition, St Mary's School, Cambridge belongs to an active international network of over 200 Mary Ward schools worldwide, presenting many exciting and innovative opportunities for its students.

There has been major investment in new facilities at the school over the past five years: a new Junior School; a new Sixth Form Centre; new provision of Art & Photography; the creation of our Science Hub and this year our new boarding facility, Mary Ward House. Longer term major projects are for the investment in sport both regarding our playing fields and development of a boat house with one of the city rowing clubs.

Cambridge is an outstanding place to live and work. As a University centre, the city has the cultural advantages of a much larger settlement but with a population of just 128,000 it is a safe, clean and attractive location. The city with has an international reputation owing to its world ranking University with which the school has multiple and growing links. As the heart of Silicon Fen, the school benefits from the digital and enterprise communities in the various high-tech science parks and enterprise hubs. Addenbrookes is a key teaching hospital and again the school has excellent links. We are within easy travelling distance of London (50 minutes by train) and 30 minutes from Stansted Airport.

Above all, St Mary's School, Cambridge is a very happy place. We have an excellent local reputation for being very friendly and nurturing and yet ambitious for the young women in our care enabling strong progress to next steps at university, the world of work or a GAP year. The staff are exceptionally dedicated and a very close-knit community and our girls are genuinely delightful.

St Mary's School, Cambridge is looking to appoint a full-time teacher of Mathematics. Ideally the post holder will start in January 2018, however we will consider a start date of April or September 2018 for the right candidate.

Job Title: **Teacher of Mathematics**

Reporting to: The Teacher of Mathematics is ultimately accountable to the Headmistress through the Deputy Head (academic), but day to day reporting will be to Mr Darren Kelly – Head of Mathematics

Subject Summary

The Mathematics Department is vibrant and flourishing, with outstanding academic results. The subject is very popular, with many of the Sixth Form pupils taking A-level Mathematics.

St Mary's School is looking to appoint an exceptional teacher and graduate to teach up to and including GCSE Mathematics. The ability to teach A Level is desirable but not essential. You will work with able and enthusiastic students in small classes who are a delight to teach. Candidates should enjoy the intellectual challenge of teaching motivated and ambitious students and show a love for the subject which reaches beyond the classroom.

There are currently 6 dedicated full-time and 1 part-time teachers in the department led by the Head of Department Mr Darren Kelly. The department is well resourced with interactive white boards in all classrooms.

Mathematics is taught by specialist teachers from Year 7 up to A Level. At KS3, students are taught by ability. The setting arrangements are reviewed regularly and changes made as required to meet the needs of the girls.

At KS4, the Edexcel 1MA1 is followed with the vast majority of the girls taking the higher tier. The most able pupils are given the opportunity to study the OCR additional Maths course.

We follow the Edexcel specifications at AS and A2. We offer qualifications up to Further Mathematics level. Mathematics and Further Mathematics are enjoying increasing popularity in the school and we have a number of very enthusiastic pupils. Results are excellent at both GCSE and A-level. We have taken part in the UKMT Maths Challenge over a number of years now, gaining a pleasing number of Gold, Silver and Bronze certificates. We also participate in the Team Challenges. Several recent leavers have gone on to study mathematics or mathematics-related course at university.

The department has an extensive virtual resource on the school's VLE. This allows students at all levels in the school to broaden the reading and participate in extra activities such as 'Extra Mile'.

The department organises various extra-curricular activities including the 'Enigma Project' and the 'Math's Inspiration show'.

Mr Darren Kelly
Head of Mathematics
dkelly@stmaryscambridge.co.uk
March 2018

Applicants without a formal teaching qualification should be able to demonstrate an ability to teach and example teaching they have undertaken (including adult education, university teaching). They should also have high subject knowledge, be effective communicators and be able to identify with young people.

Teacher Job Description

KEY AREAS	PROFESSIONAL DUTIES AND RESPONSIBILITIES
Teaching	<p>To educate every girl to their full potential and to encourage a sense of community in the world -</p> <ul style="list-style-type: none"> • Planning and preparing courses and lessons • Teaching, according to the educational needs of each student • Setting and marking of work to be carried out by the student in school and elsewhere • Assessing, recording and reporting on the development, progress and attainment of students
Other Teaching Activities	<ul style="list-style-type: none"> • Promote the general progress and well-being of individual students and classes assigned • Provide guidance and advice to students on educational and social matters and on their further education and future careers, including information about sources of more expert advice on specific questions; making relevant records and reports • Make records of and reports on the personal and social needs of students • Communicate and consult with parents • Communicate and co-operate with persons or bodies outside the school • Participate in meetings arranged for any of the purposes described above
Assessment and Reporting	<ul style="list-style-type: none"> • Provide or contribute to oral and written assessments, reports and references relating to individual students and groups of students
Performance Management / Appraisal	<ul style="list-style-type: none"> • Participate in reviews and appraisal of your performance and that of other teachers
Review, induction, further training and development	<ul style="list-style-type: none"> • Participate in an induction programme • Periodically review your methods of teaching and programmes of work • Participate in arrangements for further training and professional development including those aimed at meeting the needs identified in performance objectives or in appraisal / review statements
Educational Method	<ul style="list-style-type: none"> • Advise and co-operate with the Headmistress and other teachers on the preparation and development of courses of study, teaching

	materials, teaching programmes, methods of teaching and assessment and pastoral arrangements
Discipline, health and safety	<ul style="list-style-type: none"> • Maintain good order and discipline among the students and safeguard their health and safety both when they are on the school premises and when they are engaged in authorised school activities elsewhere
Staff Meetings	<ul style="list-style-type: none"> • Participate in meetings at the school which relate to the curriculum for the school or the administration or organisation of the school, including pastoral arrangements
Cover	<ul style="list-style-type: none"> • Teachers will be required to be available for cover as indicated on the reserve list but also at other non-contact times as the need arises
Examinations	<ul style="list-style-type: none"> • Participate in arrangements for preparing students for examinations (internal and external), assessing students for the purposes of such examinations and recording and reporting such assessments • Assist with invigilation as required
Administration	<ul style="list-style-type: none"> • Participate in administrative and organisational tasks related to such duties as are described above, including the direction or supervision of persons providing support for the teachers in the school • Attend assemblies, registering the attendance of students and supervising students, whether these duties are to be performed before, during or after school sessions • Teachers will be required to carry out lunch supervision according to the rota
Other	<ul style="list-style-type: none"> • Other related duties as directed by the Headmistress, senior manager or line manager

Person Specification – Mathematics

Specification	Essential
Qualifications	<ul style="list-style-type: none"> • High Class Honours Degree in a related subject • PGCE desirable but not essential
Personal qualities and abilities	<ul style="list-style-type: none"> • Commitment to academic excellence • Ability to work effectively in a team • Excellent organisational skills • High levels of personal and professional integrity • Enthusiasm and approachability • Good rapport with students, colleagues and parents • Confident use of ICT • Appropriate levels of personal presentation

Teaching and learning	<ul style="list-style-type: none"> • Evidence of excellent classroom practice which leads to learning for every student • Evidence of effective planning, teaching and class management • Ability to prepare and share teaching resources • Ability to motivate and inspire students • Commitment to creative and innovative approaches to teaching and learning • Commitment to development of appropriate schemes of work and resources • Commitment to improving, monitoring and evaluating teaching and learning
Philosophy and Ethos	<ul style="list-style-type: none"> • Commitment to the ethos of the school • High expectations for student attainment, personal development and conduct • An ability to communicate enthusiasm for History and Politics, and to promote the subjects throughout the school • Commitment to helping with extra-curricular activities and curriculum enrichment including accompanying school trips. • Commitment to best practice in pastoral support and student welfare

We are all members of one community and must therefore endeavour, at all times, to maintain positive working relationships with all colleagues, treating others with the same level of professionalism, respect and politeness that we would wish for ourselves. In addition, you are required to work in pursuit of our core aim, which is to ensure every student's aspirations, capabilities, interests and talents are recognised, nurtured and celebrated. We pride ourselves on our academic standards, extra-curricular provision and pastoral care. Your performance in this regard will be judged by your outcomes relating to work, attitudes and professional behaviours.

The school is committed to safeguarding and protecting the welfare of children and young people and expects all staff and volunteers to share this commitment. The five outcomes of the Every Child Matters Agenda are central to the way you carry out your responsibilities – these are developing students' awareness of:

- Be healthy
- Staying safe
- Enjoying and achieving
- Making a positive contribution
- Economic well-being

Child Welfare and Child Protection Issues

The interview for this post will include exploring issues relating to safeguarding and promoting the welfare of children including:

- Motivation to work with children and young people.
- Ability to form and maintain appropriate relationships with children and young people.
- Emotional resilience in working with challenging behaviours.
- Attitudes to the use of authority and maintaining discipline.

Any relevant issues arising from the take up of references will be discussed at interview.

The school is an equal opportunities employer. We are committed to safeguarding and promoting the welfare of children and young people and expect all staff and volunteers to share this commitment. Successful applicants are subject to an Enhanced Disclosure and Barring Check.